

EXFIL LTP™ HELMET and Considerations Against the Ops-Core® FAST Base Jump Helmet

Impact Protection:

The FAST Base Jump helmet meets no impact protection standards. The ½" and ¾" EPP pads that are included with the FAST Base Jump leave exposed hardware in the helmet, and can easily be completely removed from the helmet. However, even with the pads in place the helmet does not claim to meet any impact protection standard. Notably, other helmets in the OpsCore line do claim protection against a variety of standards. The failure to provide protection levels set by any helmet standard presents a significant detriment, effectively reducing the FAST Base Jump to a novelty helmet that only provides accessory mounting options but no protection for the wearer.

Conversely, the EXFIL™ LTP has been independently shown to meet the requirements of EN1385 standard for whitewater helmets (testing report available upon request). This standard was chosen during the development of the helmet because it has direct crossover to military applications in preventing concussions and maintaining situational awareness. EN1385 was developed to prevent concussions that can lead to drowning risks in water – it uses a 250G acceleration threshold and states “the levels of protection recognize that most fatalities in canoeing and white water sports result from drowning after concussion...” For military use this translates directly to maintaining consciousness and situational awareness following impacts to the head.

In addition to providing impact protection, EN1385 also carries requirements for retention system strength and retention system effectiveness – further ensuring the safety of the EXFIL™ LTP.

Accessory Mounting:

The EXFIL™ LTP provides mounting options for nearly every common head borne accessory. Therefore, existing accessories such as lights, oxygen masks, and communication systems that were mounted to the FAST Base Jump will continue to be compatible with the EXFIL™ LTP. Only in some cases is an additional adapter required, and this is often included from the original accessory manufacturer (e.g. Princeton Tec picatinny mounts).

Integrated Shroud:

The FAST Base Jump helmet uses a shroud molded into the front of the helmet for mounting night vision and other accessories. Notably, this shroud is integrally formed from the same plastic as the rest of the shell – leading to loose tolerances in the fitment of night vision mounts as well as the potential to fracture and fail to provide any mounting option.

The EXFIL™ LTP also provides an integrated shroud, however, it implements a machined aluminum insert built by Wilcox Industries. This mount is fastened directly to the shell. This provides both greater strength and durability, and significantly tighter tolerances.

One-handed Fit Adjustment:

The EXFIL™ LTP utilizes our CAM-FIT™ retention system, implementing a Boa® closure that conforms to the shape of the head, unlike the rigid headband in the FAST Base Jump. This system is also designed to give enhanced stability when wearing night vision by pulling the head forward, rather than simply encircling the head which can lead to instability by causing a gap at the front of the helmet.

Sizing range:

The EXFIL™ LTP provides an increased sizing range compared to the FAST Base Jump, facilitating head sizes 6 7/8 (55cm) to 7 3/4 (63cm) with 2 sizes (Size 1 and Size 2). The FAST Base Jump fits only up to size 7 5/8 (61cm) across 3 sizes. The sizing of the LTP is accomplished through use of the Zorbium impact and comfort pads in combination with the CAM-FIT™ retention. This provides greater flexibility in procurement and issuing of the helmet.